





FIG. 2

102

User Name

Password

Server

104

Connection

Checks

Reports

Data

Fax

Clients

105

107

109

109a

109b

104a

105a

Client Name	Code #	# Chks	Payday	Date/Time Submitted	Date/Time Processed

☐ Current Checks ☐ Archived Checks

Delete View Print

FIG. 3

102

User Name

Password

Server

104

Connection

Checks

106

Reports

108

Data

112

Fax

110

Clients

105

Client Name	Code #	# Chks	Payday	Date/Time Submitted	Date/Time Processed

107

109

105a

106a

109a

109b

☐ Current Reports ☐ Archived Reports

Delete View Print

FIG. 4

Distributed Payroll Processing

Reports

Work In Process Summary

Work in Process Summary			Date: 11/09/2002	Time: 13:06:27	
Seq. #	Source ID	ClientID	Client Name	Date In Time In	Fwd Date Fwd Time
00123456	9109543525	WAR001	Joe Smith Welding	11/09/2002 06:54:02	11/09/2002 07:13:11
00123457	9109543526	WAR002	John Smith Welding	11/09/2002 06:57:02	11/09/2002 07:13:46
etc.					

FIG 4A

Service Invoice

<b>From:</b> Third National Payroll Service 800 Sycamore Ln., Ste. 201 Woodstock, Georgia 30188		<b>Invoice</b>  Invoice Number 12345678 Invoice Date 11/10/2002 Service Period 11/09/2002 Payrolls Processed: 13
<b>To:</b> Fred's Accounting Service 200123 Top Long Road Tallapoosa, Georgia 30075		

  

ClientID Seq. #	Client Name Description	Date Quantity	Unit Price	Extension	Total \$
<hr/>					
WAR001 00123456	Joe Smith Welding	11/09/2002			
	Base Fee	1	1.00	1.00	
	Hourly Fee	0	65.00	0.00	
	Payroll Records Processed	15	.15	2.25	
	Payroll Checks Printed	9	.35	5.25	
	Payroll Direct Deposit Processed	3	.75	2.25	
	Form 1099 Records Processed	1	.15	0.15	
	Form 1099 Checks Printed	1	.50	0.50	
	Form 1099 Direct Deposit Processed	0	.75	0.00	
					\$ 11.40
<hr/>					
WAR002 00123457	John Smith Welding	11/09/2002			
	Base Fee	1	1.00	1.00	
	Hourly Fee	0	65.00	0.00	
	Etc.				

FIG 4B

**Non-Provisional Patent Application:**  
**Inventor: WARD, Lycurgus B.**  
**For: Internet-Based Back Office Payroll Service and Method Thereof**  
**Myers & Kaplan, LLC**  
**Drawing Sheet 6 of 11**

**Distributed Payroll Processing**

**PayClerk Application**  
**Engineering Design**

**Production Summary**

Production Summary 11/09/2002 - 11/16/2002					
ClientID	Client Name	Completed Date	Quantity Processed		
			Records	Checks	Deposits
WAR001	Joe Smith Welding	11/09/2002	16	14	3
WAR002	John Smith Welding	11/09/2002	12	12	0
WAR003	Ruth's Flower Shop	11/09/2002	22	19	1
WAR004	Smith Cookie Cutter	11/09/2002	7	7	0
WAR005	Simmons Weight Cont	11/09/2002	11	10	0
WAR006	Mary's Sandwich Shop	11/09/2002	19	19	0

FIG 4C

**Client Name and Address Labels**

00123456 Joe Smith  Joe Smith Welding 200123 River Drive River City, MX 98765-20012	00123456 Joe Smith  Joe Smith Welding 200123 River Drive River City, MX 98765-20012
--	--

FIG 4D

**Client List**

Client List				
ClientID	Client Contact	Telephone		
	Client Name	Fed EIN	SWH Acct#	SUTA Acct#
	Fed Form			
	Street Address 1			
	Street Address 2	City	ST	Zip
00122345	Joe Smith	(910) 452-9435		
	Joe Smith Welding			
	Form 941	56-1234567	00-123-456-78-123	1234567890123
	234567 Mulberry Lane			
	Suite 354	Musgatchewan MN	98765-4321	
00122345	John Smith	(910) 452-9435		
	John Smith Welding			
	Form 941	56-1234568	01-123-456-78-123	1234567890124
	234568 Mulberry Lane			
	etc.			

FIG 4E

**Non-Provisional Patent Application:**  
**Inventor: WARD, Lycurgus B.**  
**For: Internet-Based Back Office Payroll Service and Method Thereof**  
**Myers & Kaplan, LLC**  
**Drawing Sheet 1 of 11**

**Distributed Payroll Processing**

**PayClerk Application**  
**Engineering Design**

**Client Contact Schedule**

Client Contact Schedule						
Period of 11/09/2002 through 11/16/2002						
Day	Date	Client Name	Client Contact	Phone Number	Call Time	Answer Time
ClientID						
Monday 11/10/2002						
00123467	Marndy's Pizza Parlor	Susan Sturgis	(767) 123-4567	09:00	_____	
00123467	Marndy's Pizza Parlor	Susan Sturgis	(767) 123-4567	10:30	_____	
00123467	Marndy's Pizza Parlor	Susan Sturgis	(767) 123-4567	11:15	_____	
00123467	Marndy's Pizza Parlor	Susan Sturgis	(767) 123-4567	15:15	_____	
Tuesday 11/10/2002						
00123467	Marndy's Pizza Parlor	Susan Sturgis	(767) 123-4567	09:00	_____	
00123467	Marndy's Pizza Parlor	Susan Sturgis	(767) 123-4567	10:30	_____	
00123467	Marndy's Pizza Parlor	Susan Sturgis	(767) 123-4567	11:15	_____	
00123467	Marndy's Pizza Parlor	Susan Sturgis	(767) 123-4567	15:15	_____	
Wednesday 11/10/2002						
00123467	Marndy's Pizza Parlor	Susan Sturgis		09:00	_____	
ETC.						

FIG. 4F

FIG 5



110a

110b

109

109a

120

102

104

106

108

110

User Name

Password

Server

Connection

Checks

Reports

Data

Fax

Clients

Client Business Name

Street Address 1

Street Address 2

City

State

Zip

Federal ID Number

Primary Contact

Phone

Fax

E-mail Address

Save

New

Delete

View

Print

FIG. 6

102

User Name

Password

Server

104

Connection

Checks

Reports

106

Data

108

Fax

110

Clients

112

Fax File Name	Received	# Pages	File OK?	Submitted	Processed?

112a

Connect Using

Receive

Press the 'Connect Using' Button ...

Transcript of Fax receive session ...

112c

Fax FTP Send

FTP Delay Send ☐

FTP Send Time

112b

Resend Fax

Delete Fax

View Fax

Disconnect

FIG. 7

**Non-Provisional Patent Application:**  
**Inventor: WARD, Lycurgus B.**  
**For: Internet-Based Back Office Payroll Service and Method Thereof**  
**Myers & Kaplan, LLC**  
**Drawing Sheet 11 of 11**

Audit Trail Items "mini" Flow Chart

150  
↓

Audit Trail Items "mini" Flow Chart				
Step	SubRoutine	Action	Description	Audit Trail Item
1010	Receive Fax	Answer Phone	FaxMan Jr. in "Listen" mode	
1020		Receive Data	Receive fax	
1030		OCR Barcode	DaVinci OCX	
1040		Identify Sender	Lookup FEIN from barcode in client database	Name as FEIN plus Payroll Due Date
1050		Save Fax File	Save as Group 4 tiff file	FaxStatus record in "main.mdb"
1060	Update Database	Update Database	New record is created for incoming fax	
1070		Disconnect	Disconnect incoming call	
2010	Forward Fax	Confirm Send OK	Verify it is time to upload new incoming faxes	Checkbox on Fax FTP Send Frame
2020		Connect Internet	Connect to internet using RAS or other connection	
2030		Connect Server	Connect to secure website/server	
2040		Log In	Gain Access to FTP site "newdatin" directory	
2050		Upload Files	Upload files	
2060	Update Database	Update Database	Record time and name of fax file uploaded	Record in FaxStatus in "main.mdb"
3010		Connect Internet	Connect to internet using RAS or other connection	
3020	Get Product	Connect Server	Connect to secure website/server	
3030		Log In	Gain Access to FTP site "User Name" directory/area	UserName and Password text boxes
3040		Retrieve Log	Download control info (MDB database)	Download "ctrl.mdb"
3050		Read Log	Get list of files to be downloaded	Read new records in "ctrl.mdb"
3060		Get New Files	Download new payroll or report files from server	
3070	Update Database	Update Database	New record is created for each check, report, & data file	New records created in "main.mdb"
3080		Update Database	Record which fax files have been processed	Record in FaxStatus in "main.mdb"
3090	List Files	List Files	Show new payroll or report files in DataGrid or list boxes	
3091		Amend Log	Note downloaded files in log	Records updated in "ctrl.mdb"
3092	Upload Log	Upload Log	Upload control log (MDB database) for processor	
7010	Print Product	Select Type	Select checks or reports option button	
7020		Select Files	Select items to print from list in list box	
7030		Print	Send preformatted files to printer	
7040		Amend Journal	Record printed files in database	Mark record in "main.mdb" as "printed"
7050		Archive Record	Requery	
8010	Archive	Select Type	Select checks or reports option button	
8020		Select Files	Select items to archive from list in list box	
8030		Read Journal	Read transaction journal (MDB database)	
8040		Amend Journal	Note archived files in transaction journal	
8050		Update List Box	Clear list box and show remaining files (not archived)	
9010	Select Client	Select Client	Select client from list in drop down combo box	
9020		List Files	Show selected client payroll and report files in list boxes	
10010	Delete	Select Type	Select checks or reports option button	
10020		Select Files	Select items to delete from list in list box	
10030		Read Journal	Read transaction journal (MDB database)	
10040		Amend Journal	Note deleted files in transaction journal	
40050		Update List Box	Clear list box and show remaining files (not deleted)	

FIG. 8